

## SEQUENCE LISTING

<110> Agus, David  
Shak, Steven  
Cronin, Maureen  
Baker, Joffre

<120> Gene Expression Markers for Response to  
EGFR Inhibitor Drugs

<130> 39740/0009

<140> Not assigned

<141> 2004-02-05

<150> 60/445,968

<151> 2003-02-06

<160> 108

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 82

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 1

tgtgagtga atgccttcta gtagtgaacc gtcctcggga gccgactatg actactcaga 60  
agagtatgat aacgaaccac aa 82

<210> 2

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 2

cagatggacc tagtaccac tgagatttcc acgccgaagg acagcgatgg gaaaaatgcc 60  
cttaaactat agg 73

<210> 3

<211> 78

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 3

gacgaagaca gtccctggat caccgacagc acagacagaa tccttgctac cagagaccaa 60  
gacacattcc accccagt 78

<210> 4

<211> 71

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

39740-0009 US.TXT

<400> 4  
tcttgctggc tacgcctctt ctgtccctgt tagacgtcct ccgtccatat cagaactgtg 60  
ccacaatgca g 71

<210> 5  
<211> 66  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Amplicon

<400> 5  
aaagcctcag tcagccaagt ggaggcggac ttgaaaatgc tcaggactgc tgtggacagt 60  
ttggtt 66

<210> 6  
<211> 62  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Amplicon

<400> 6  
ggccgagatc tacaaaaacg gccccgtgga gggagctttc tctgtgtatt cggacttcct 60  
gc 62

<210> 7  
<211> 73  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Amplicon

<400> 7  
cacaatggcg gctctgaaga gttggctgtc gcgcagcgta acttcattct tcaggtagac 60  
acagtgtttg tgt 73

<210> 8  
<211> 81  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Amplicon

<400> 8  
cggttatgtc atgccagata cacacctcaa aggtactccc tcctcccggg aaggcaccct 60  
ttcttcagtg ggtctcagtt c 81

<210> 9  
<211> 74  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Amplicon

<400> 9  
cacgggacat tcaccacatc gactactata aaaagacaac caacggccga ctgcctgtga 60  
agtggatggc accc 74

<210> 10  
<211> 68  
<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 10

tcagcagcaa gggcatcatg gaggaggatg aggcctgcgg gcgccagtac acgctcaaga 60  
aaaccacc 68

<210> 11

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 11

cccactcagt agccaagtca caatgttttg aaaacagccc gtttacttga gcaagactga 60  
taccacctgc gtg 73

<210> 12

<211> 71

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 12

ccggaaaggc caagacaaag gcggtttccc gctcgcagag agccggcttg cagttcccag 60  
tgggccgtat t 71

<210> 13

<211> 84

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 13

aggctgctgg aggtcatctc cgtgtgtgat tgccccagag gccgtttctt ggccgccatc 60  
tgccaagact tgggccgcag gaag 84

<210> 14

<211> 83

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 14

gcatggtagc cgaagatttc acagtcaaaa tcggagattt tggatatgacg cgagatatct 60  
atgagacaga ctattaccgg aaa 83

<210> 15

<211> 77

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 15

ccgccctcac ctgaagagaa acgcgctcct tggcggacac tgggggagga gaggaagaag 60

cgcggttaac ttattcc

&lt;210&gt; 16

&lt;211&gt; 74

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Amplicon

&lt;400&gt; 16

ccaaccctgc agactccaag cctgggacca tccgtggaga cttctgcata caagttggca 60  
ggaacattat acat 74

&lt;210&gt; 17

&lt;211&gt; 83

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Amplicon

&lt;400&gt; 17

cgagactctc ctcatagtga aaggtatgtg tcagccatga ccaccccggc tcgtatgtca 60  
cctgtagatt tccacacgcc aag 83

&lt;210&gt; 18

&lt;211&gt; 72

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Amplicon

&lt;400&gt; 18

gggagtttcc aagagatgga ctagtgcttg gtcgggtctt ggggtctgga gcgtttggga 60  
aggtggttga ag 72

&lt;210&gt; 19

&lt;211&gt; 69

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Amplicon

&lt;400&gt; 19

agtgggagac acctgacctt tctcaagctg agattgagca gaagatcaag gagtacaatg 60  
cccagatca 69

&lt;210&gt; 20

&lt;211&gt; 64

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Amplicon

&lt;400&gt; 20

cctgaacatg aaggagctga agctgctgca gaccatcggg aagggggagt tcggagacgt 60  
gatg 64

&lt;210&gt; 21

&lt;211&gt; 77

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

39740-0009 US.TXT

<220>

<223> Amplicon

<400> 21

gaggcgctca acatgaaatt caaggccgaa gtgcagagca accggggcct gaccaaggag 60  
aacctcgtgt tcctggc 77

<210> 22

<211> 74

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 22

ccagtgggtgg tgatcgttca tggcagccag gacaacaatg cgacggccac tgttctctgg 60  
gacaatgctt ttgc 74

<210> 23

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 23

gatggagcag gtggctcagt tcctgaaggc ggctgaggac tctgggggtca tcaagactga 60  
catgttcag act 73

<210> 24

<211> 69

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 24

tcaccctctg tgacttcattc gtgccctggg acaccctgag caccacccag aagaagagcc 60  
tgaaccaca 69

<210> 25

<211> 71

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 25

ctgctgtctt ggggtgcattg gagccttgcc ttgctgctct acctccacca tgccaagtgg 60  
tcccaggctg c 71

<210> 26

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Amplicon

<400> 26

agaggcatcc atgaacttca cacttgccggg ctgcatcagc acacgctcct atcaacccaa 60  
gtactgtgga gtttg 75

<210> 27  
 <211> 76  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Amplicon

<400> 27  
 agactgtgga gtttgatggt gttgaaggag aaaaggggtgc ggaggcagca aatgttacag 60  
 gtcctggtgg tgttcc 76

<210> 28  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 28  
 tgtgagtga atgccttcta gtagtga 27

<210> 29  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 29  
 ccgtcctcgg gagccgacta tga 23

<210> 30  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 30  
 ttgtggttcg ttatcatact cttctga 27

<210> 31  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 31  
 cagatggacc tagtaccac tgaga 25

<210> 32  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 32  
 ttccacgccg aaggacagcg at 22

<210> 33  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 33  
 cctatgattt aagggcattt ttcc 24

<210> 34  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 34  
 gacgaagaca gtccctggat 20

<210> 35  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 35  
 actggggtgg aatgtgtctt 20

<210> 36  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 36  
 caccgacagc acagacagaa tccc 24

<210> 37  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 37  
 tcttgctggc tacgcctctt 20

<210> 38  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 38  
 tgtccctggt agacgtcctc cgtccata 28

<210> 39

<211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 39  
 ctgcattgtg gcacagttct g 21

<210> 40  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 40  
 aaagcctcag tcagccaagt 20

<210> 41  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 41  
 aaccaaactg tccacagcag 20

<210> 42  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 42  
 tcctgagcat tttcaagtcc gcct 24

<210> 43  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 43  
 ggccgagatc tacaaaaacg 20

<210> 44  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 44  
 gcaggaagtc cgaatacaca 20

<210> 45  
 <211> 21



<212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 45  
 ccccgtaggag ggagctttct c 21

<210> 46  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 46  
 cacaatggcg gctctgaag 19

<210> 47  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> reverse primer

<400> 47  
 acacaaacac tgtctgtacc tgaaga 26

<210> 48  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 48  
 aagttacgct gcgcgacagc caa 23

<210> 49  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> forward primer

<400> 49  
 cggttatgtc atgccagata cac 23

<210> 50  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe

<400> 50  
 cctcaaaggc actccctcct cccgg 25

<210> 51  
 <211> 24  
 <212> DNA

<213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 51  
 gaactgagac ccactgaaga aagg 24  
 <210> 52  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> forward primer  
 <400> 52  
 cacgggacat tcaccacatc 20  
 <210> 53  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 53  
 gggtgccatc cacttcaca 19  
 <210> 54  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> probe  
 <400> 54  
 ataaaaagac aaccaacggc cgactgc 27  
 <210> 55  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> forward primer  
 <400> 55  
 tcagcagcaa gggcatcat 19  
 <210> 56  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 56  
 ggtggttttc ttgagcgtgt act 23  
 <210> 57  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe  
  
 <400> 57  
 cgccccgcagg cctcatcct 19  
  
 <210> 58  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 58  
 cccactcagt agccaagtca 20  
  
 <210> 59  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> probe  
  
 <400> 59  
 tcaagtaaac gggctgtttt ccaaaca 27  
  
 <210> 60  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 60  
 cacgcaggtg gtatcagtct 20  
  
 <210> 61  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 61  
 ccggaaaggc caagacaa 18  
  
 <210> 62  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 62  
 aatacggccc actgggaact 20  
  
 <210> 63  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> probe  
  
 <400> 63  
 cccgctcgca gagagccgg 19  
  
 <210> 64  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 64  
 aggctgctgg aggtcatctc 20  
  
 <210> 65  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 65  
 cttcctgcgg ccacagtct 19  
  
 <210> 66  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> probe  
  
 <400> 66  
 ccagaggccg tttcttgcc g 21  
  
 <210> 67  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 67  
 gcatggtagc cgaagatttc a 21  
  
 <210> 68  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 68  
 tttccggtaa tagtctgtct catagatac 30  
  
 <210> 69  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>

<223> probe  
 <400> 69  
 cgcgtcatatc caaaatctcc gattttga 28  
 <210> 70  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> forward primer  
 <400> 70  
 ccgccctcac ctgaagaga 19  
 <210> 71  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 71  
 ggaataagtt agccgcgctt ct 22  
 <210> 72  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> probe  
 <400> 72  
 cccagtgtcc gccaaaggagc g 21  
 <210> 73  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> forward primer  
 <400> 73  
 ccaaccctgc agactccaa 19  
 <210> 74  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 74  
 atgtataatg ttcttgccaa cttgtatg 28  
 <210> 75  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> probe

39740-0009 US.TXT

<400> 75 cctgggacca tccgtggaga cttct	25
<210> 76 <211> 27 <212> DNA <213> Artificial Sequence	
<220> <223> forward primer	
<400> 76 cgagactctc ctcatagtga aaggtat	27
<210> 77 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> reverse primer	
<400> 77 cttggcgtgt ggaaatctac ag	22
<210> 78 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> probe	
<400> 78 atgaccaccc cggctcgtat gtca	24
<210> 79 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> forward primer	
<400> 79 gggagtttcc aagagatgga	20
<210> 80 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> probe	
<400> 80 cccaagaccc gaccaagcac tag	23
<210> 81 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> reverse primer	

<400> 81  
 cttcaaccac cttcccaaac 20  
 <210> 82  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> forward primer  
 <400> 82  
 agtgggagac acctgacctt 20  
 <210> 83  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 83  
 tgatctgggc attgtactcc 20  
 <210> 84  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> probe  
 <400> 84  
 ttgatcttct gctcaatctc agcttgaga 29  
 <210> 85  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> forward primer  
 <400> 85  
 cctgaacatg aaggagctga 20  
 <210> 86  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> reverse primer  
 <400> 86  
 catcacgtct ccgaactcc 19  
 <210> 87  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> probe  
 <400> 87

tcccgatggt ctgcagcagc t	39740-0009 US.TXT	21
<210> 88		
<211> 21		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> forward primer		
<400> 88		
gaggcgctca acatgaaatt c		21
<210> 89		
<211> 20		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> reverse primer		
<400> 89		
gccaggaaca cgaggttctc		20
<210> 90		
<211> 22		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> probe		
<400> 90		
cggttgctct gcacttcggc ct		22
<210> 91		
<211> 20		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> forward primer		
<400> 91		
ccagtgggtgg tgatcgttca		20
<210> 92		
<211> 21		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> reverse primer		
<400> 92		
gcaaaagcat tgtcccagag a		21
<210> 93		
<211> 23		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> probe		
<400> 93		
cagccaggac aacaatgcga cgg		23



39740-0009 US.TXT

<210> 94  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 94  
 gatggagcag gtggctcagt 20  
  
 <210> 95  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 95  
 agtctggaac atgtcagtct tgatg 25  
  
 <210> 96  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> probe  
  
 <400> 96  
 cccagagtcc tcagccgcct tcag 24  
  
 <210> 97  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 97  
 tcaccctctg tgacttcacg gt 22  
  
 <210> 98  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 98  
 tgtggttcag gctcttcttc tg 22  
  
 <210> 99  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> probe  
  
 <400> 99  
 ccctgggaca ccctgagcac ca 22

<210> 100  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 100  
 ctgctgtctt ggggtgcattg 20  
  
 <210> 101  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> probe  
  
 <400> 101  
 ttgccttgct gctctacctc cacca 25  
  
 <210> 102  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 102  
 gcagcctggg accacttg 18  
  
 <210> 103  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> forward primer  
  
 <400> 103  
 agagggcatcc atgaacttca ca 22  
  
 <210> 104  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> reverse primer  
  
 <400> 104  
 caaactccac agtacttggg ttga 24  
  
 <210> 105  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> probe  
  
 <400> 105  
 cgggctgcat cagcacacgc 20  
  
 <210> 106

<211> 25  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> forward primer  
  
<400> 106  
agactgtgga gtttgatggt gttga  
  
<210> 107  
<211> 22  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> reverse primer  
  
<400> 107  
ggaacaccac caggacctgt aa  
  
<210> 108  
<211> 23  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> probe  
  
<400> 108  
ttgctgcctc cgcacccttt tct

25

22

23